

## CLAIMS

1. An imaging system comprising:

a networking port for communicating with a remote device on a network;

5 an image acquisition subsystem for acquiring frames of image data;

an operator interface for inputting operating instructions;

a display screen;

10 an exam description list manager programmed to manage a list of exam descriptions based on operating instructions received via said operator interface and then control said display screen to display said stored list of exam descriptions;

15 memory storing acquired frames of image data in respective image files and storing said list of exam descriptions;

an object constructing task for constructing a data object comprising a frame of image data from one of said image files and an associated exam description;

20 means for selecting said associated exam description from said list; and

a network manager for transferring said data object from said object constructing task to said networking port destined for said remote device.

25 2. The system as recited in claim 1, wherein said exam description list manager is further programmed to insert a new exam description in alphabetical order in said list in response to entry of said new exam description in

an Edit field on said display screen and activation of a virtual Add button on said display screen.

3. The system as recited in claim 1, wherein said exam description list manager is further programmed to delete an exam description in said list in response to entry of said exam description in an Edit field on said display screen and activation of a virtual Delete button on said display screen.

4. The system as recited in claim 1, wherein said exam description list manager is further programmed to delete all exam descriptions in said list in response to activation of a virtual Delete All button on said display screen.

5. An imaging system comprising:

an operator interface for inputting operating instructions;

a display screen;

means for controlling said display screen to display a user-interactive menu comprising a multiplicity of aligned fields for displaying a list of exam descriptions, one exam description per field, an edit field for entry of an exam description via said operator interface, and a virtual button activatable via said operator interface for initiating a list edit function;

means for editing said list of exam descriptions based on said entry in said edit field and in accordance with said list edit function in response to activation of said virtual button; and

memory storing said list of exam descriptions.

6. The system as recited in claim 5, wherein said list of exam descriptions comprises a linked list of

alphabetically ordered elements.

5           7. The system as recited in claim 5, wherein said edit list function comprises entry addition, and said list editing means comprise means for inserting said edit field entry in alphabetical order in said list.

          8. The system as recited in claim 5, wherein said edit list function comprises entry deletion, and said list editing means comprise means for deleting said edit field entry from said list.

10           9. The system as recited in claim 5, wherein said edit list function comprises deletion of all list entries, and said list editing means comprise means for deleting all entries in said list.

15           10. The system as recited in claim 5, further comprising:

          a networking port for communicating with a remote device on a network;

          an image acquisition subsystem for acquiring frames of image data;

20           memory storing acquired frames of image data in respective image files;

          an object constructing task for constructing a data object comprising a frame of image data from one of said image files and an associated exam description  
25           selected from said list displayed on said user-interactive menu via said operator interface; and

          a network manager for transferring said data object from said object constructing task to said networking port destined for said remote device.

11. An imaging system comprising:

an operator interface for inputting operating instructions;

a display screen;

5 computer memory; and

a computer programmed to perform the following steps:

10 (a) controlling said display screen to display a user-interactive menu comprising a multiplicity of aligned fields for displaying a list of exam descriptions, one exam description per field, an edit field for entry of an exam description via said operator interface, and a virtual button activatable via said operator interface for initiating a list edit function;

15 (b) editing said list of exam descriptions based on said entry in said edit field and in accordance with said list edit function in response to activation of said virtual button; and

20 (c) storing said list of exam descriptions in said memory

12. The system as recited in claim 11, wherein said list of exam descriptions comprises a linked list of alphabetically ordered elements.

25 13. The system as recited in claim 11, wherein said edit list function comprises entry addition, and said editing step comprises the step of inserting said edit field entry in alphabetical order.

30 14. The system as recited in claim 11, wherein said edit list function comprises entry deletion, and said editing step comprises the step of deleting said edit field

entry from said list.

5 15. The system as recited in claim 11, wherein said edit list function comprises deletion of all list entries, and said editing step comprises the step of deleting all entries in said list.

16. The system as recited in claim 11, further comprising a networking port for communicating with a remote device on a network, wherein said computer is further programmed with:

10 an image acquisition subsystem for acquiring frames of image data;

15 an object constructing task for constructing a data object comprising an acquired frame of image data and an associated exam description selected from said list displayed on said user-interactive menu via said operator interface; and

a network manager for transferring said data object from said object constructing task to said networking port destined for said remote device.

20 17. An imaging system comprising:

an operator interface for inputting operating instructions;

a display screen;

25 an exam description list manager programmed to manage a list of exam descriptions based on operating instructions received via said operator interface and then control said display screen to display said stored list of exam descriptions; and

memory storing said list of exam descriptions.

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